ABSTRACT

Provided is a method of resolving a racemic mixture of a compound of formula I to obtain a desired enantiomer:

$$Ar \xrightarrow{Q \\ R_5} O \xrightarrow{R_2}$$

wherein Ar is C_6 or C_{10} aromatic group that can be substituted with H, C_1 to C_6 alkyl, trifluoromethyl or halo, R_5 is halo or -S- R_1 , wherein R_1 is H or acetyl, and R_2 is H or C_1 to C_6 alkyl, the method comprising: reacting a compound of formula I wherein the compound is an ester whereby R_2 is C_1 to C_6 alkyl with a lipase derived from *Mucor meihei* to stereoselectively hydrolyze the ester bond to produce an acid; and isolating the acid, wherein the reaction is conducted in a solvent comprising 80% to 98% v/v% organic phase and a residue of water phase (which can be buffered).